
FLUE PIPE

American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc.
Shreveport Chapter

November 2004

PRESIDENT'S MESSAGE

T here was another outstanding turnout for last month's meeting. Mr. Bob FitzGerald gave an eye opening presentation about construction trends across the country and where some things could possibly be headed. It is hard to believe how fast time flies by and that businesses can be left behind sometimes if they are not willing to adapt to changes. We appreciate Mr. FitzGerald taking time to speak to our organization.

Our third meeting this year will take place on **Thursday, November 18th at Superior's Steakhouse**, and features a presentation by Mr. Ken Antee from the Shreveport Mayor's office. He will be reviewing and forecasting construction projects for the city of Shreveport. Mr. Antee currently serves as the Chief Administrative Officer under Mayor Keith Hightower.

The **ASHRAE Golf Tournament** was once again a big success. I would like to thank Outback Steakhouse, Chevylard, Eagle Distributing, Old Oakes Golf Course and the rest of our sponsors for helping to create such a fun and successful event! A big thanks also goes to Kurt Lyles and his committee for their hard work in putting everything together. Thank you to everyone else involved and I sure hope that this event continues on for many years to come.

Please mark your calendars for **Friday, December 17, 2004** for this year's **Christmas Party**. It will be held at the CenturyTel Center and we will be able to enjoy the Mudbugs play the Ft. Worth Brahmas. There will be a social hour that starts at 5:00 p.m. and the arena is gracious enough to let us in to watch the pre-game warm-ups. Please be sure to fax in the attached reservation form by December 3rd so we will be able to get an accurate head count. We look forward to seeing everyone at this fun event.

Jim Watts
President



DATE: Thursday
November 18, 2004

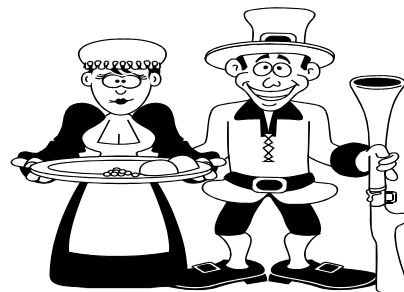
PLACE: Superior's Steakhouse
855 Pierremont
Shreveport, Louisiana

TIME: 11:30 a.m. - Lunch
12:00 p.m. - Meeting/Speaker

PROGRAM: "City of Shreveport -
Construction Projects Review
and Forecast"

SPEAKER: Ken Antee, Chief
Administrative Officer City of
Shreveport

COST: \$16.00/Person



TREASURER'S REPORT

COMMITTEE REPORTS

Statement of Accounts	Sept 30, 2004	Oct 31, 2004
Certificate of Deposit (Heller)	\$ 6,500.00	\$ 6,500.00
Certificate of Deposit (Jordan)	\$ 7,000.00	\$ 7,000.00
Certificate of Deposit (Guth)	\$ 500.00	\$ 500.00
Savings Account	\$ 533.13	\$ 533.65
Checking Account	\$ 916.14	\$ 1,969.04
Total Account Balance	\$ 15,449.27	\$ 16,502.69

Statement of Income

Income:

Dues	\$ 160.00
Meals	\$ 364.00
Golf Tour.	\$ 6,300.00
ASHRAE Research	\$ 0.00
Misc.	\$ -
Other	\$ -
Total:	\$ 6,824.00

Expenses:

Bank Charges	\$ 0.00
Meeting/Meals	\$ 656.76
ASHRAE Research	\$ 0.00
Newsletter -Sept.	\$ 85.00
Web Site	\$ 65.00
Olde Oaks G.T.	\$ 5,064.34
Total:	\$ 5,871.10

Net Income (Loss): \$ 1,052.90

Interest Income from Savings and CD's in 2003 \$218.07
Interest Income from Savings and CD's in 2004 \$121.70

Submitted by Gary Patrick, Treasurer

Membership Promotion

My buddy Mike Middleton will be "me" at the ASHRAE meeting next week. Be nice to Mike. He's so young he had never heard of the "Ice Man" and he can't tell you tall tales like Dee and me. I must be out of town on a business trip to Big Woods, Arkansas. I will have exactly a week to visit with my cousins, lots of bull shooting, enjoying the fresh air, watching the beautiful leaves fall and keeping the campfire warm. Then my wife comes and that's when ASHRAE related products like refrigerators, deep freezers and a block of ice from the "Ice Man" for the ice chest become very important. Anyway, that's when I must transition smoothly to a serious deer hunter. She's a very nice lady. She will also bring my deer rifle if I forget.

My Jones's survived on this land from 1874 until just after the big war without any of the benefits and comforts man reaps from ASHRAE related products. My Granddad bought a kerosene refrigerator just as they became available after the war, then butane and then he had a deep freeze ready to plug in when REA brought electricity in about 1948.

We as ASHRAE do good in benefiting mankind. Talk us up and let people know. If you are not a member or know someone who should be a member, please contact me, 221-8638. We are always looking for new members with new ideas or maybe older members with mature ideas like Dee and me.

Charles R. Jones, PE

Student Activities

The student chapter had their first meeting on October 12th. We had a good turnout number wise, but as with most first meetings, we were heavy on freshmen that had no idea what ASHRAE was. We discussed what ASHRAE was and what the organization does for our industry. I told them about the three scholarships we are offering this year. For those that don't know, we are offering a Jack Jordan scholarship, a John J. Guth scholarship, and a Heller scholarship, each for \$250. The students showed interest and asked a lot of questions. Nick Judice, the current chapter president, is currently trying to set up a tour of the gas turbine facility on the campus for the next meeting. I invited Nick and the rest of the active student chapter members to attend our Christmas meeting at the CenturyTel Arena in December. We are looking forward to an exciting year filled with some interesting and fun programs!

Rick Fisher

HVAC Noise and Learning

Unwanted noise makes a workplace uncomfortable and less productive. The consequences of unwanted noise for schools are far more serious. The most obvious victims of “noise pollution” are students with hearing disabilities, but they are not the only ones. Noise impairs learning for students with other types of learning or behavioral disabilities or those for whom English is a second language. An often overlooked factor is temporary hearing impairment – on any given school day as many as 25 percent of the students in a class may be “hearing disabled” due to ear infections or other medical conditions. Children with normal hearing and abilities also suffer from unwanted noise. According to the Acoustical Society of America (ASA), Melville, NY, many U.S. classrooms have so much background noise that the speech intelligibility rating is 75 percent or less. This means that children with normal hearing can hear clearly fewer than three out of four words spoken. The adverse impact this has on learning is particularly severe for young children who are less able than older students and adults to put what they hear in context and fill in the gaps. Once younger students miss a few words, they are likely to have missed the whole message.

HVAC systems are notorious contributors to nuisance noise. Attempts to reduce energy use often aggravate acoustical problems in classrooms. Many schools rely on in-room heaters or portable air-conditioners and heat pumps to cut energy consumption. This puts the source of equipment noise right next to, or even inside, the classroom. In the worst cases, this reduces to a negative number the signal-to-noise ratio, a number that defines how much of the teacher’s speech can be heard above ambient room noise.

The American National Standards Institute (ANSI), New York City, has developed a standard specification and design guideline that can help eliminate acoustical problems in the design stage. The standard, **ANSI S12 60-2002**, acts as a resource for architects, school superintendents, audiologists, and even parents by identifying the minimum requirements for an effective learning environment. Industry experts will find it a helpful tool for selecting the right equipment and accessories for efficient acoustical design.

Lining sheet metal with fiberglass duct liner insulation may be an especially attractive option for schools. It is less expensive than other noise control solutions and requires no additional space. It is effective in reducing the transmission of equipment noise and the noise of cross-talk between classrooms. Unfounded fears about health issues have been laid to rest by a definitive determination issued by the International Agency for Research on Cancer, an arm of the World Health Organization.

The benefits to schools of lining air ducts go beyond acoustical improvements. The thermal insulating properties of fiberglass help reduce energy consumption and promote comfortable temperatures. This thermal protection also prevents condensation from forming on the outside of metal ducts, eliminating one possible source of mold growth.

Educators and buildings professionals are beginning to understand the importance of classroom acoustics and the impact of unwanted noise on the ability to learn. The HVAC system can be a large contributor to noise pollution in schools. Investing time in the design stage and a few extra dollars during construction to reduce the noise from the air-handling system can pay off handsomely in improved student performance.

Roger S. Stanley, D.E., P.E. & Kurt Lyles

A BACKWARD GLANCE

Dee Nooner

This month’s column is about nothing much at all, because that’s what has been going on lately it seems; construction is way down, work is going cheap, nobody seems to be bidding jobs to make money. So what else is new, huh?

Well, the elections are over, and only 49% of those that voted are disappointed (another close one, to be sure). I’m sure everyone hopes things turn out well, but I’m also sure we’ll make it through no matter what. “God bless America “ as they say. It’s a good thought; it’ll keep you going when things get tough.

Well, I am getting nearer and nearer the age when everyone starts to make excuses for me when I get “CRS”. You know, “can’t remember something.” Right now, I think that I have 24/25 memory; that means I’m not old, I just have a great memory at a very early age. Sorta like getting *vuja de* instead of *déjà vu*. *Déjà vu* is when you go somewhere for the first time and it feels like you have been there before for some reason. *Vuja de* is when you think you know what you’re doing, but you suddenly realize that you don’t. (Been there, done that I bet.)

Anyway history is nothing much more than remembering little things that weren’t that much at the time, but now, they seem to have taken on greater significance. Want some examples? Well, try these on for size.

I have to warn everyone that this “quiz” is mainly for those over 50, but like everything in life there is “overlap.” “Overlap” being that state when you hear your Momma tell a story so many times that you get to where you start correcting her and then telling it yourself, because you can tell it better. I know you know what I mean.

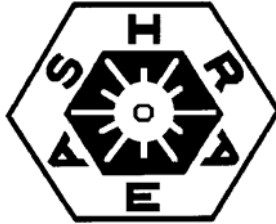
Okay, so how many cigarette commercials can you remember? (They quit airing them in the early seventies didn’t they?) But that’s too easy; it’s like asking you where you were when you heard that Elvis had died. (Can that be over a quarter of a century ago?) Or what your favorite Beatles song is (they broke up about 35 years ago.) Or how did you spend the day when you heard that JFK had been shot (over 40 years ago?) Or how did you feel when you first looked up at the sky and saw “Sputnik” (over 45 years ago), or sang “Davy, Davy Crockett, King of the Wild Frontier” (over 50 years ago?) And those are just the easy ones.

So, the bonus question; what does “LSMFT” mean? From over 60 years ago “**Lucky Strikes Means Fine Tobacco.**) Lucky Strikes, the cigarette that went to war. Lucky Strikes green and red: (didn’t have enough red ink during WWII.)

So, is any of this important? No, but then no one ever thought that “talking pictures” was a big deal, that man was meant to fly, or that bombs could be “smart.”

Next time, we’ll talk more about “what ever happened to the guys who sold “pneumatic thermostats” (and pneumatic tires, or even where did “Service stations” disappear to?)

See you at the meeting if I can remember where it is.



ASHRAE Christmas Party

Friday, December 17, 2004

CenturyTel Center
Mudbugs Hockey Game & Supper



Social starts at 5:00 p.m.

Game starts at 7:05 p.m.

\$25.00/person and includes admission into game.



DEADLINE TO RSVP IS FRIDAY, DECEMBER 3, 2004



Reservation Form

Name: _____

Number Attending: _____

Please fax form to Jim Watts at 865-9640.



The officers, board of governors, and committee chairmen for 2003-2004 are listed below.
Call with your ideas and suggestions.

We encourage your support!

OFFICERS

President	Jim Watts	869-3262
President Elect	Elmer Tingler	797-5006
Secretary	Nathan Wilemon	634-1934
Treasurer	Gary Patrick	671-0015

BOARD OF GOVERNORS

Thomas Sanders	425-4500
Gary Patrick	221-3549
Dan Cason	865-1466
Mike Middleton	221-8638

COMMITTEE CHAIRMEN

Membership	Charles Jones	221-8638
Chapter Programs	Elmer Tingler	797-5006
Historian	Dee Nooner	865-1466
TEGA/Refrigeration	Roger Stanley	865-1466
Student Activities	Rick Fisher	869-3262

Resource	Kurt Lyles	865-1466
Newsletter	John Gegg	865-1466
Honors & Awards	Nancy Simonton	
CRC Delegate	TBA	
CRC Alternate	TBA	

The *Flue Pipe* is published monthly by the Shreveport Chapter of ASHRAE. Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without prior consent of the Chapter.



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